

**ABSTRACT OF THE DISCLOSURE**

A fan motor includes base, stator and rotor units. The base unit includes a base plate with a shaft tube extending therefrom. The stator unit includes a stator  
5 core member, stator coils, and a circuit board. The stator core member has a metal core body that includes a central hub portion sleeved on the shaft tube, and a plurality of core-winding spokes extending from the central hub portion and having the stator coils wound thereon. The  
10 circuit board is coupled electrically to the stator coils. The rotor unit includes a drive shaft mounted rotatably in the shaft tube and extending outwardly of the shaft tube, a sensing ring having an inner ring surface that forms an annular clearance with end faces of the  
15 core-winding spokes, and a cover member having the drive shaft extending fixedly therethrough.